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#### Celestial Meteorology Weather Phenomena in Our Solar System

Anthony El-Khouri Professor, Eastern Florida College

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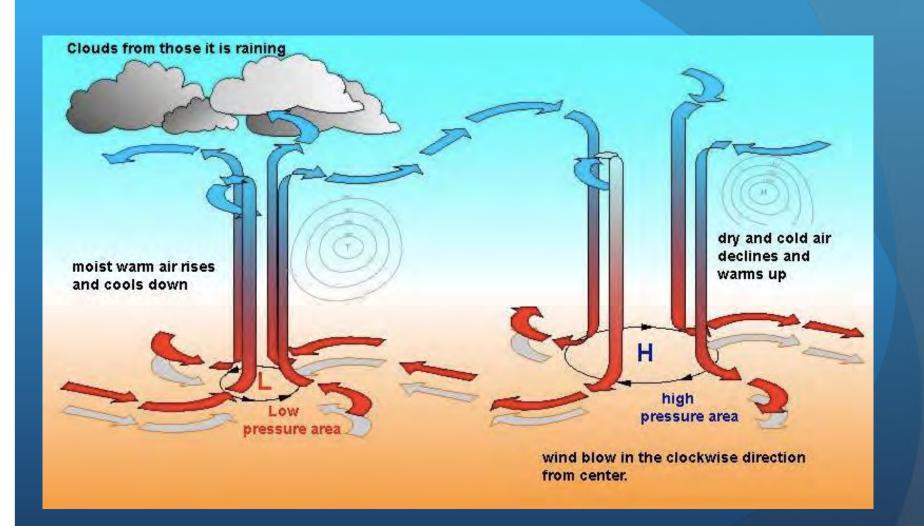


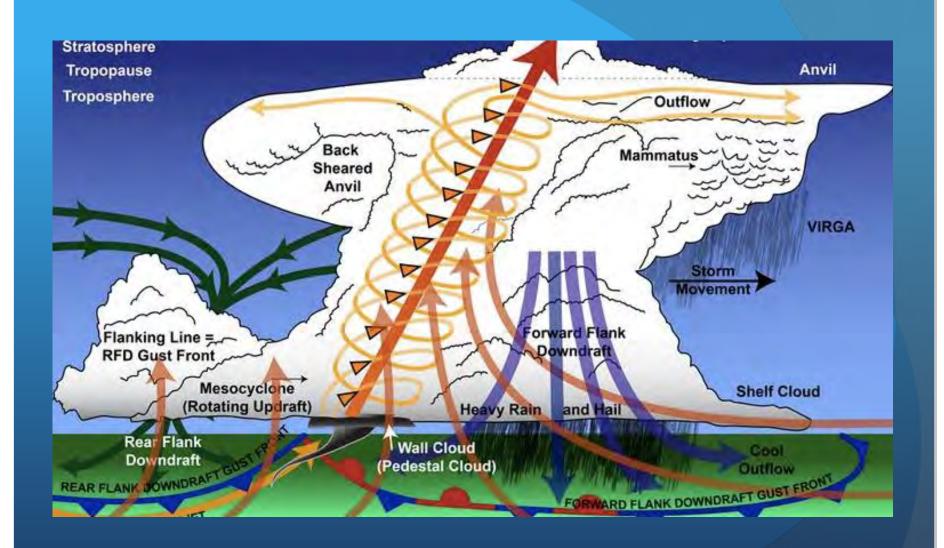
# Celestial Meteorology Weather Phenomena in Our Solar System

Dr. Anthony El-Khouri

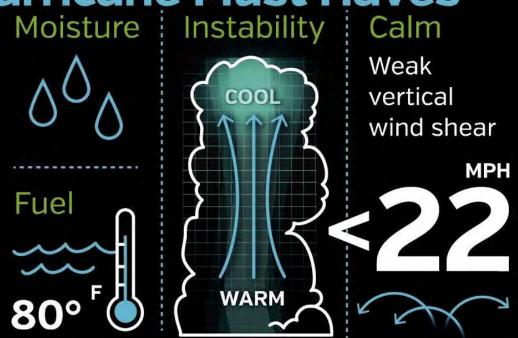
## Weather on Earth

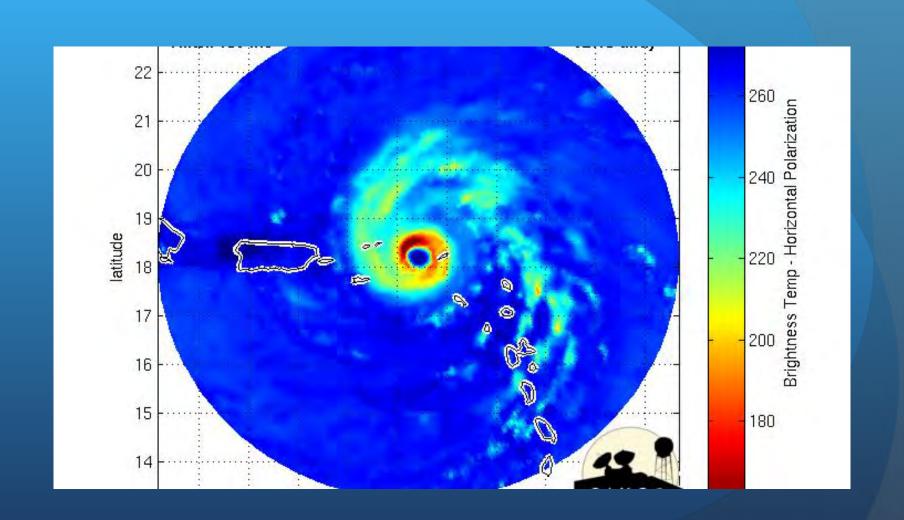


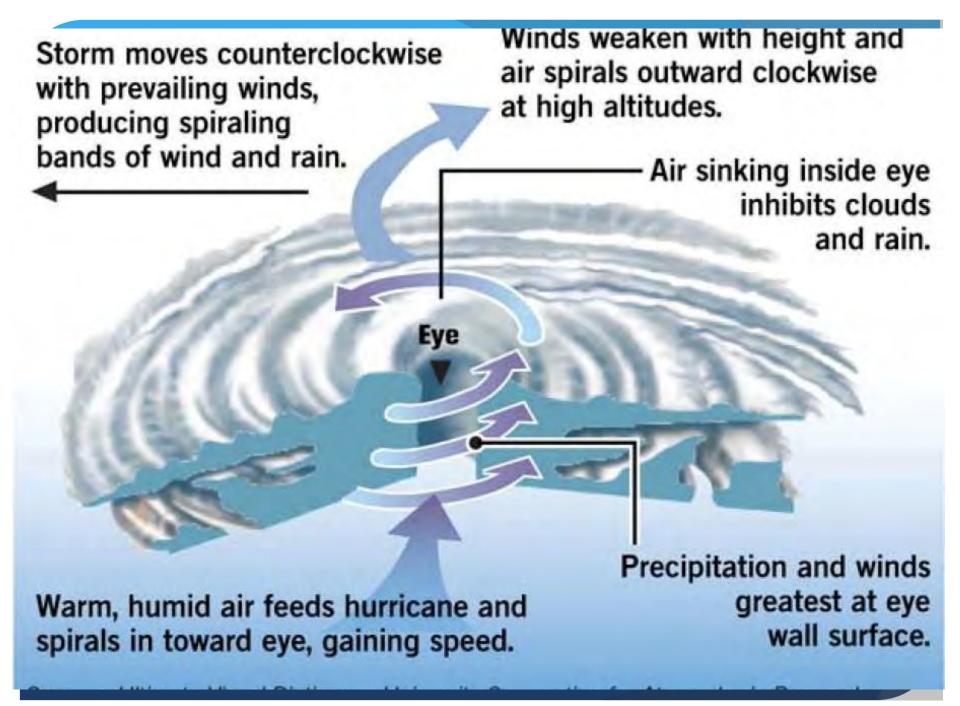


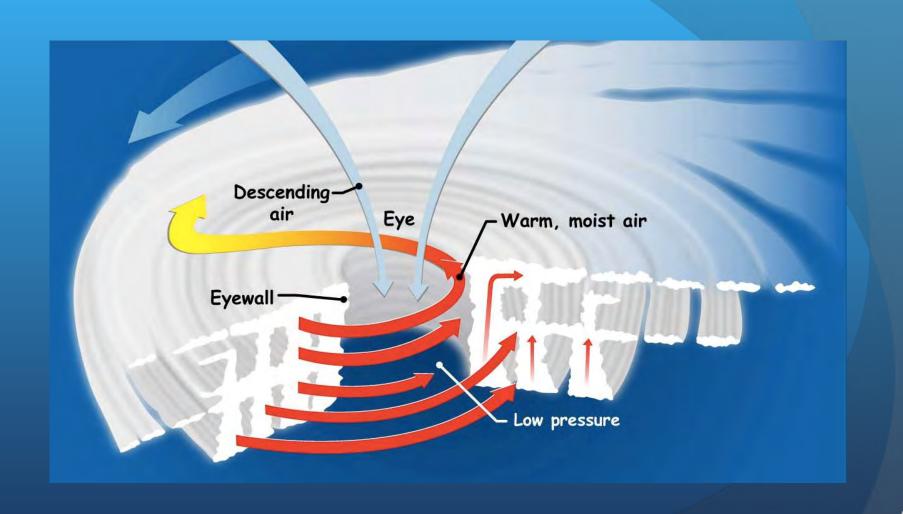


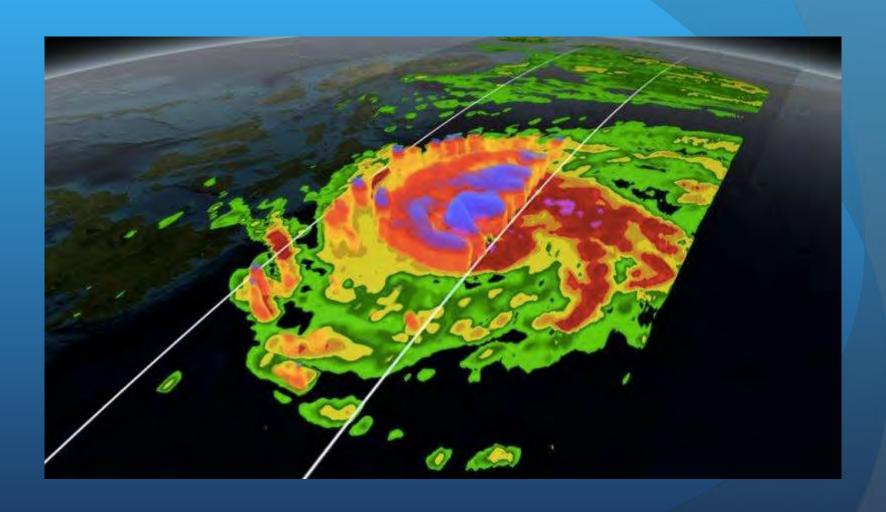
### **Hurricane Must Haves**



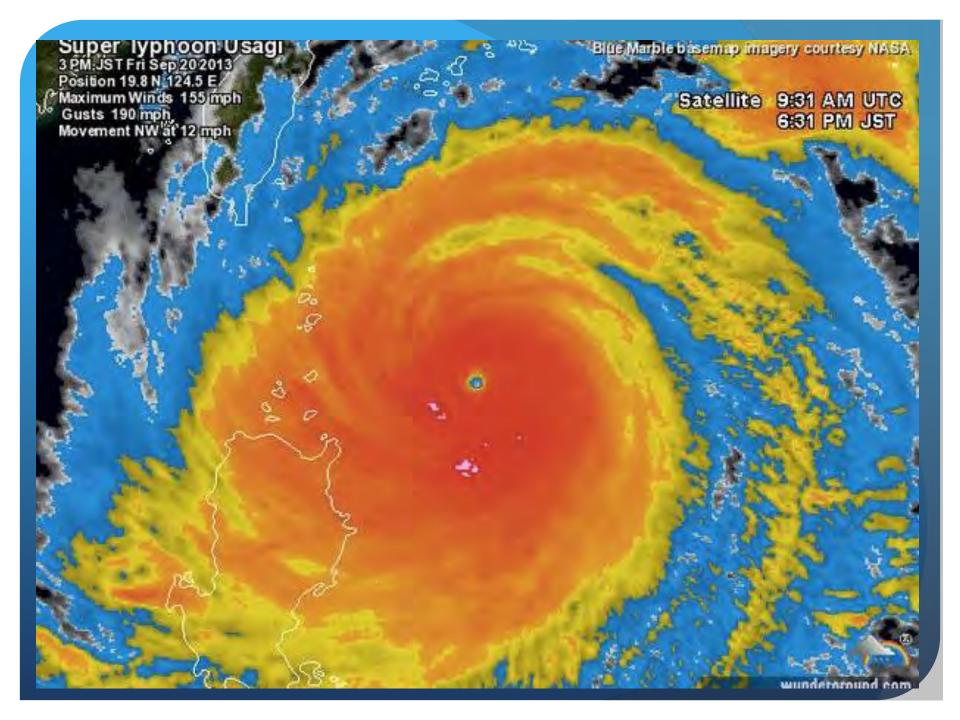


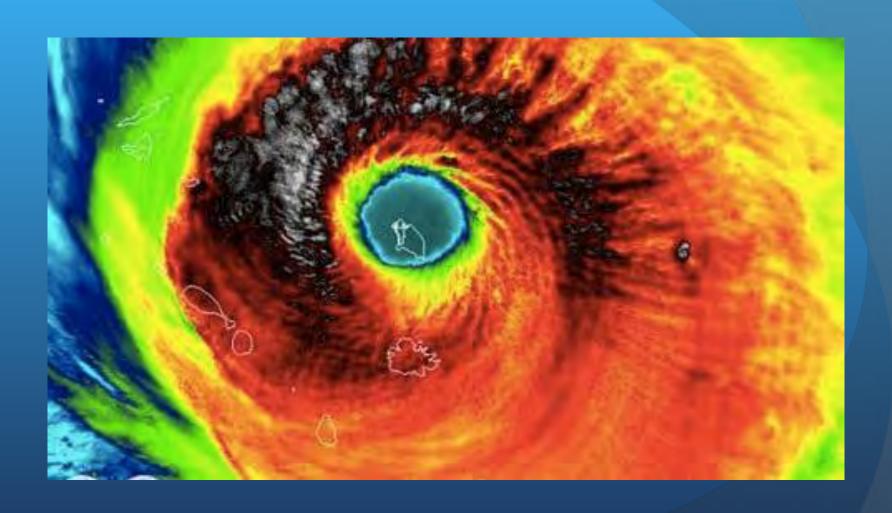










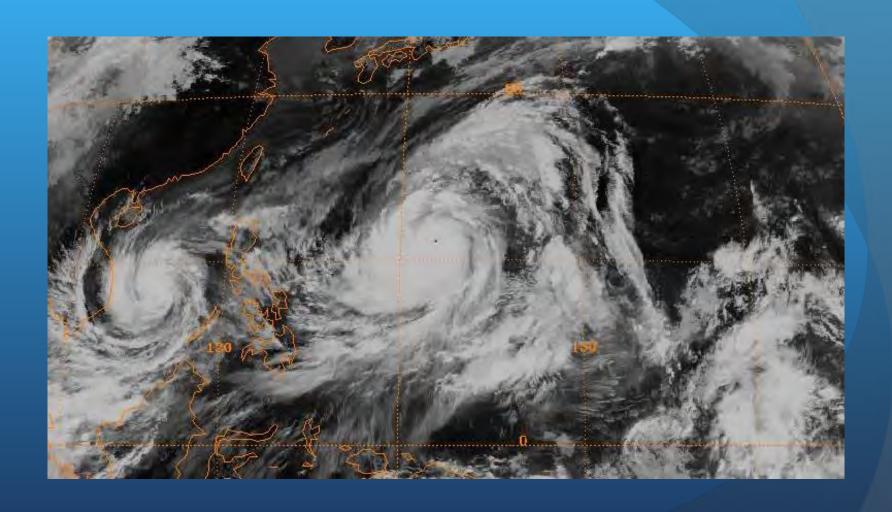


## Super Typhoon Tip

- Lowest Barometric Pressure 870 mbar
- Highest Winds 10 minute sustained 160 MPH
- Highest Winds 1 minute sustained 190 MPH
- Formed October 4, 1979
- Dissipated October 24, 1979
- Duration 20 Days

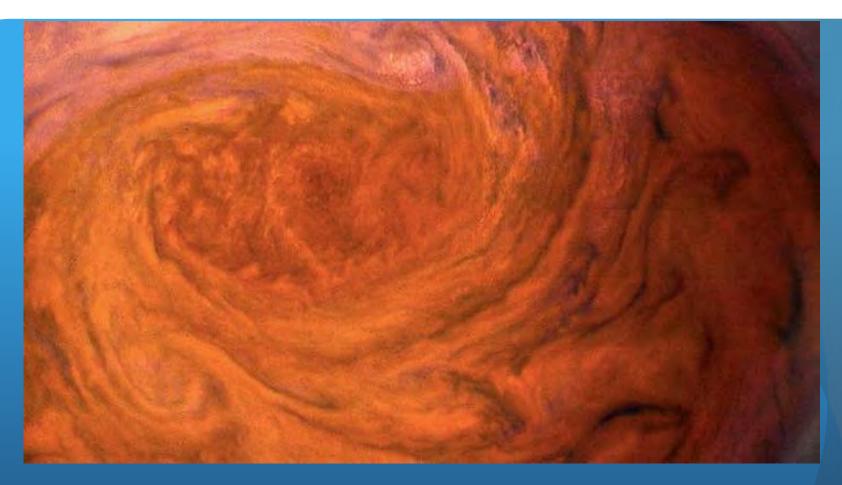






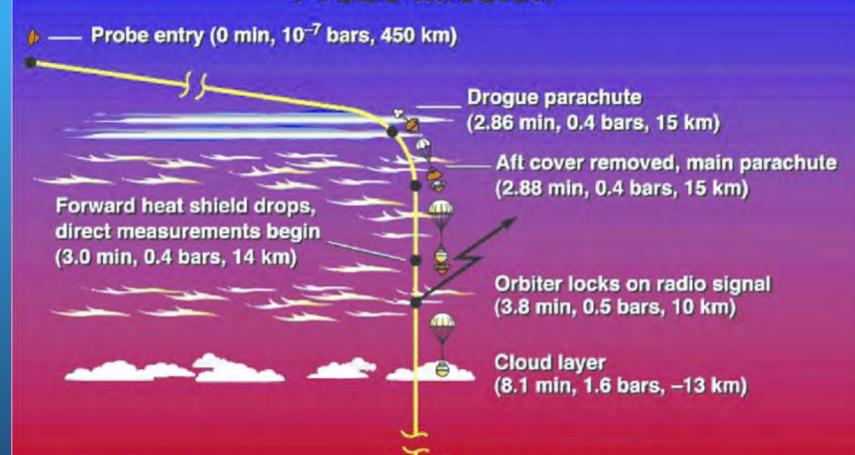








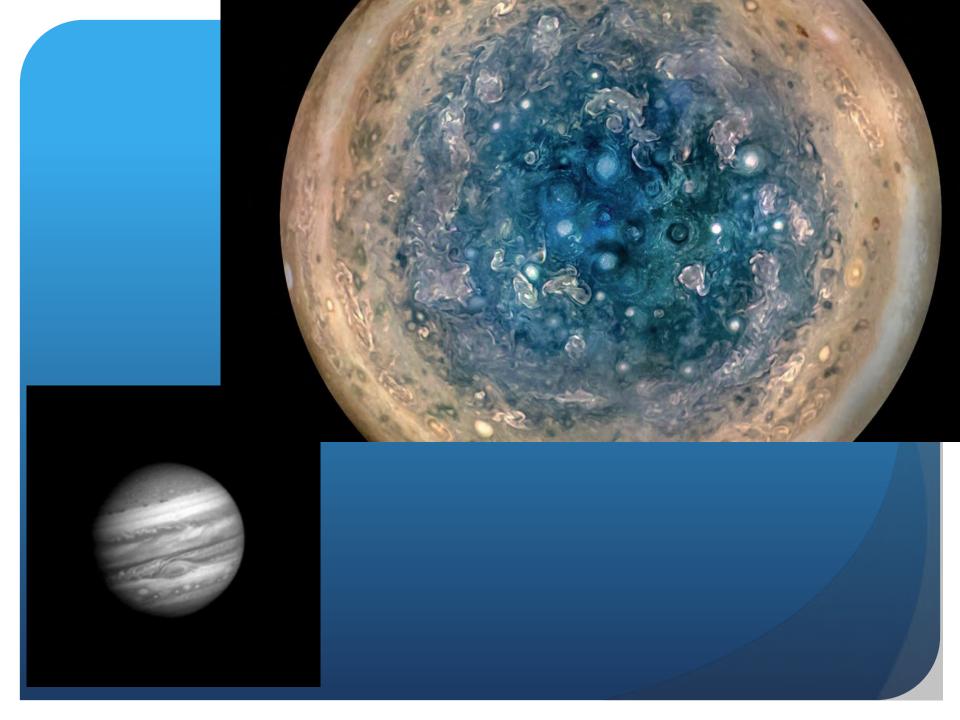
#### **Probe Mission**



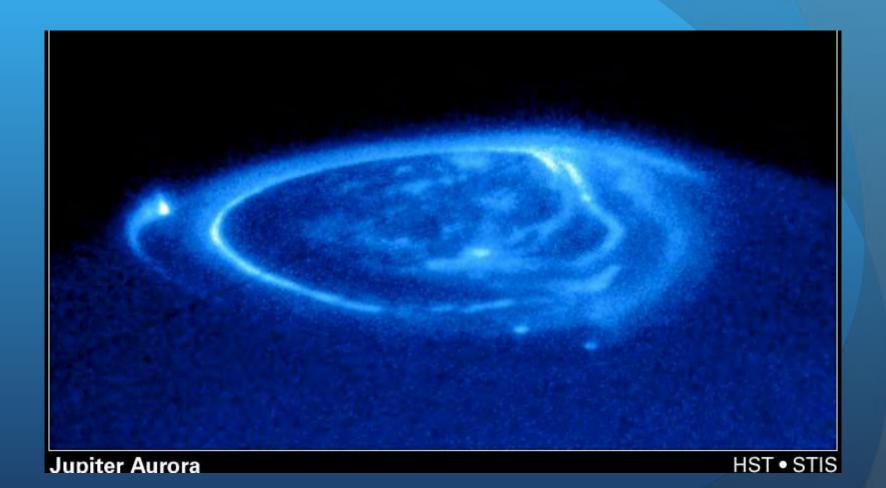
Probe signal ends

(61.4 min, ~24 bars, -140 km)

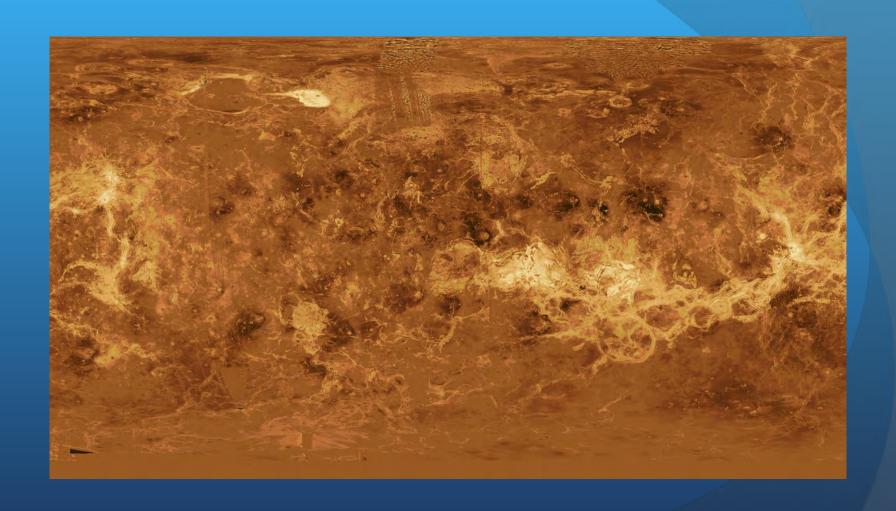


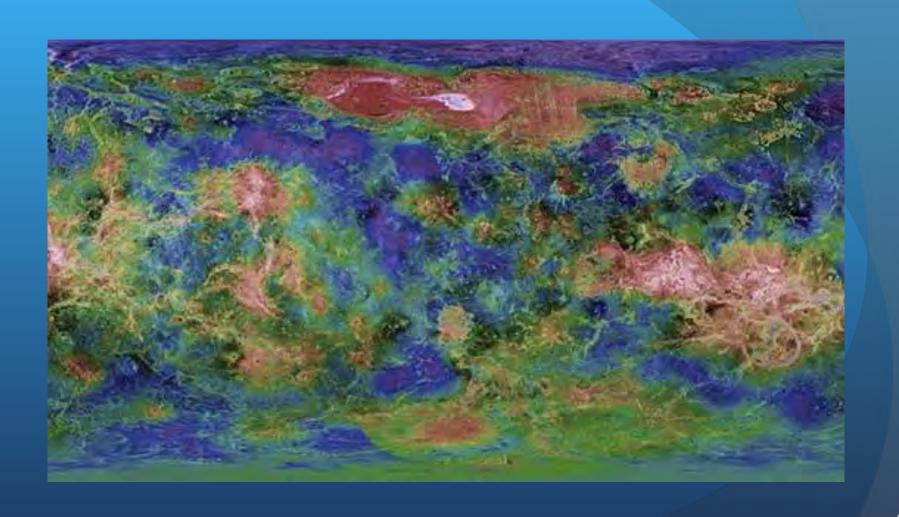




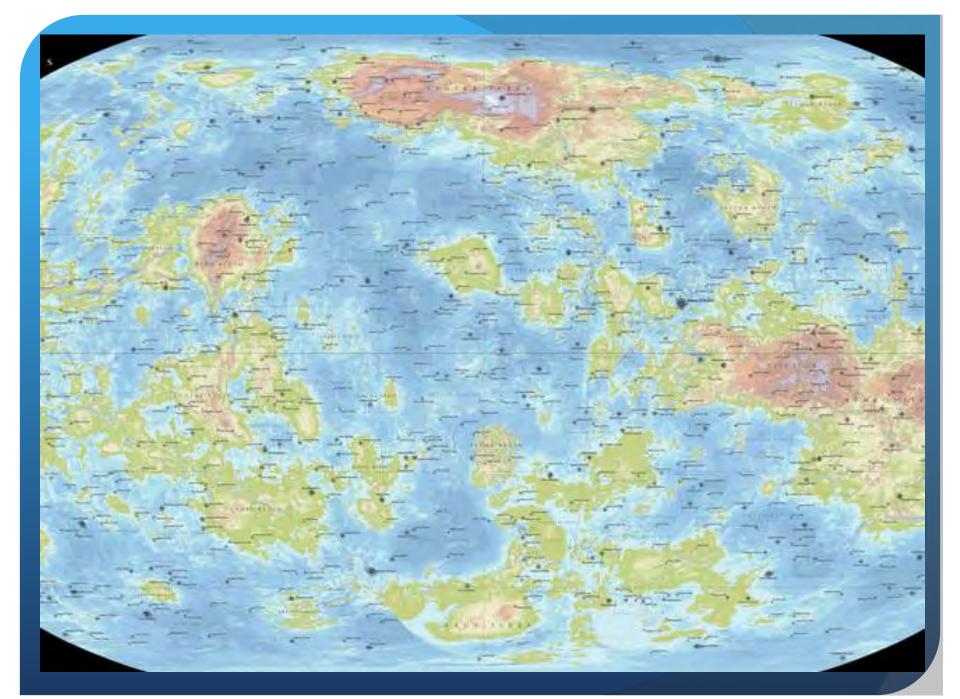


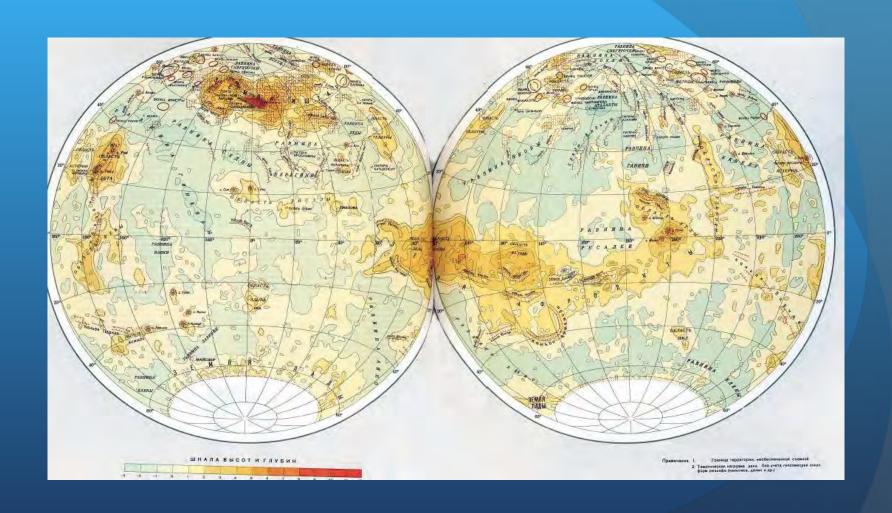


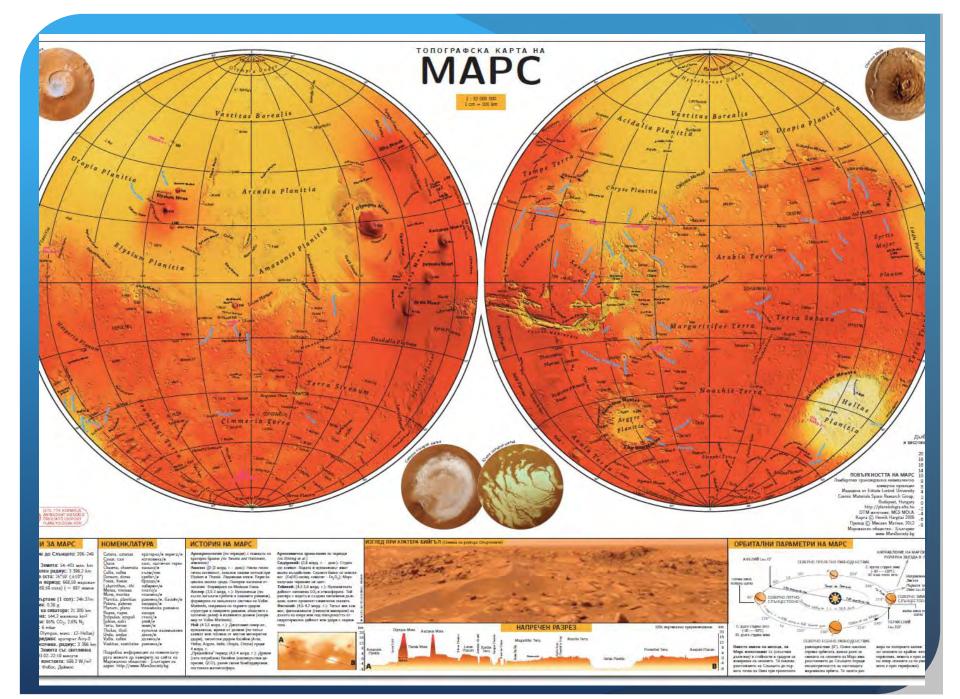












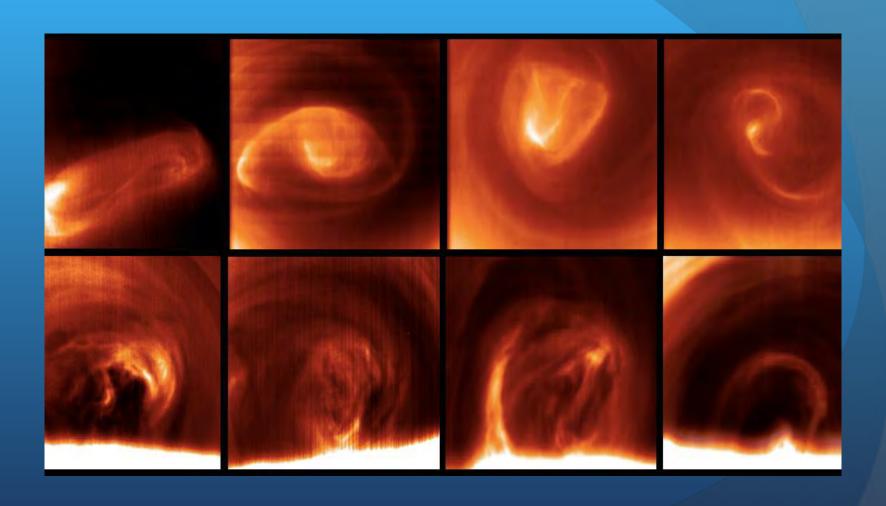






# Venus - Fujiwhara Effect?



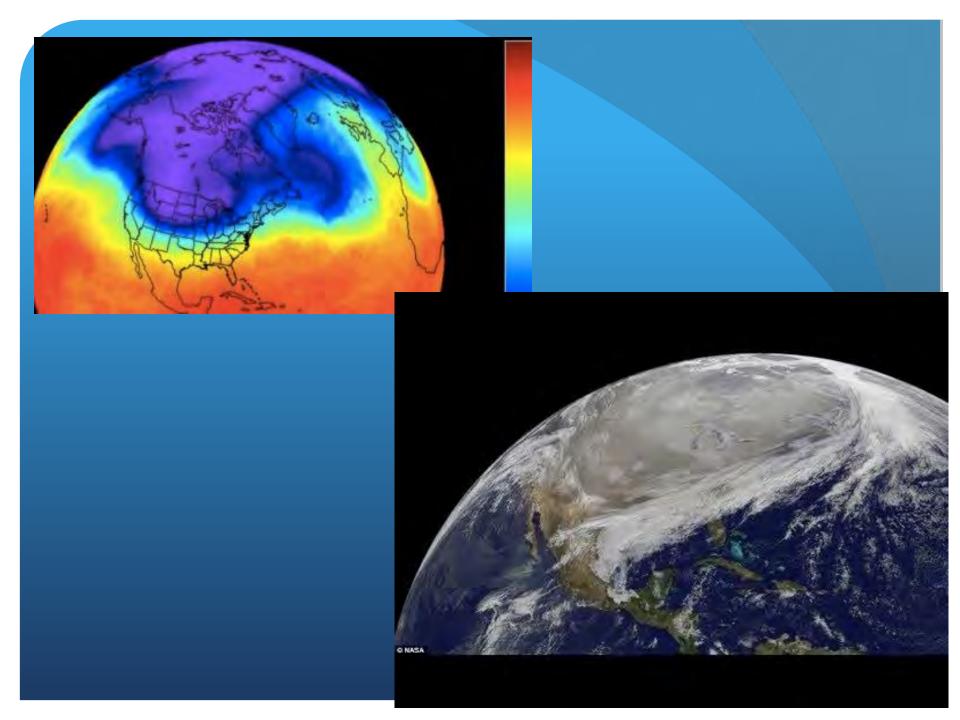


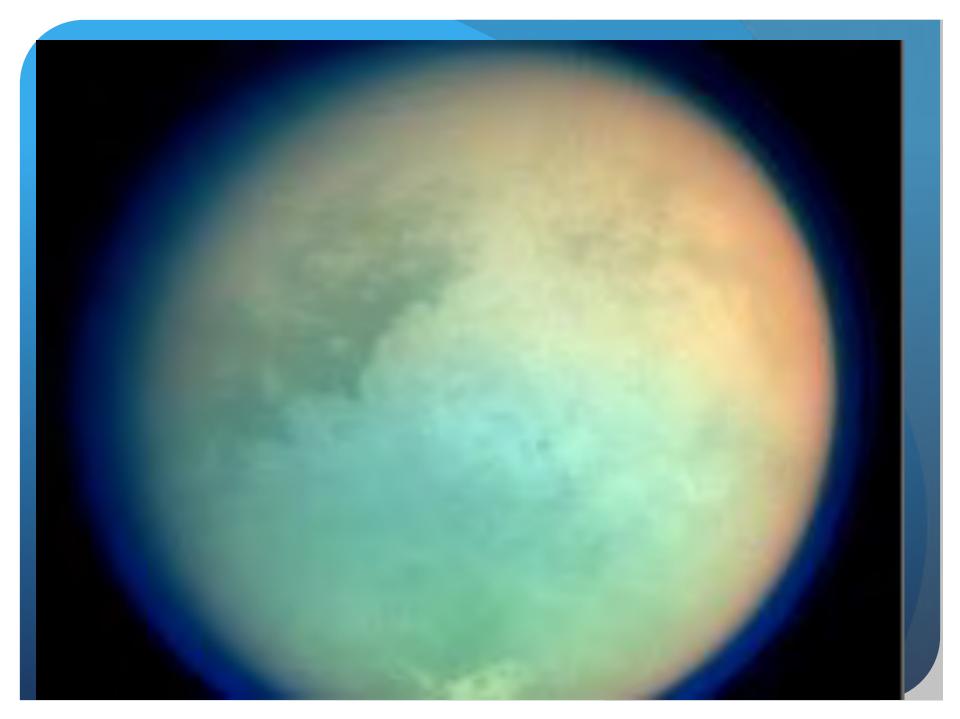
# Typhoon Parma and Melor (October 6 2009)

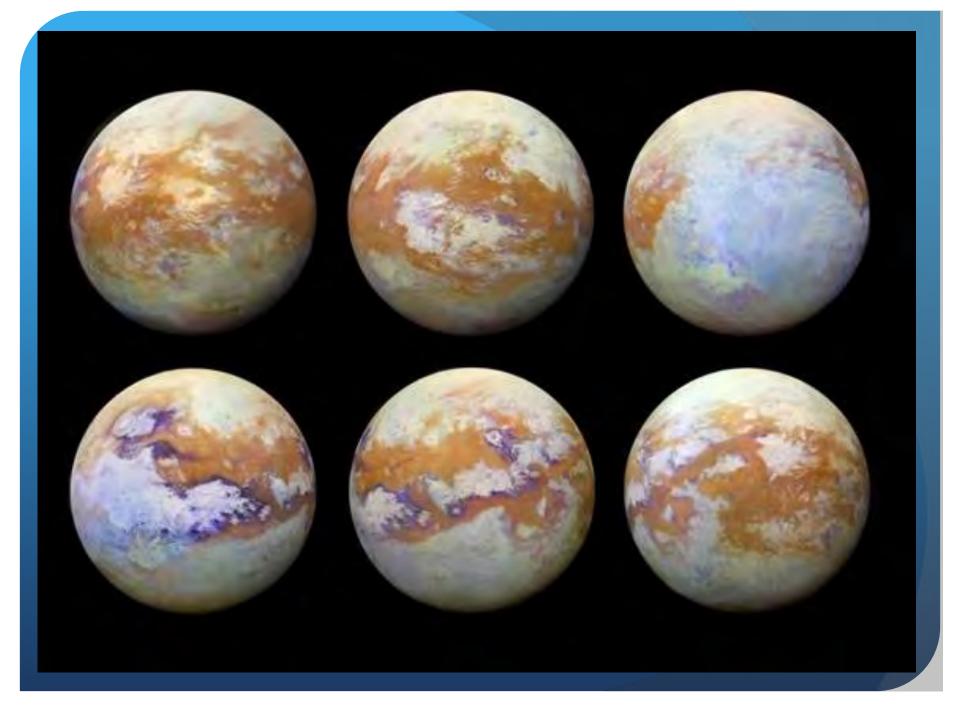


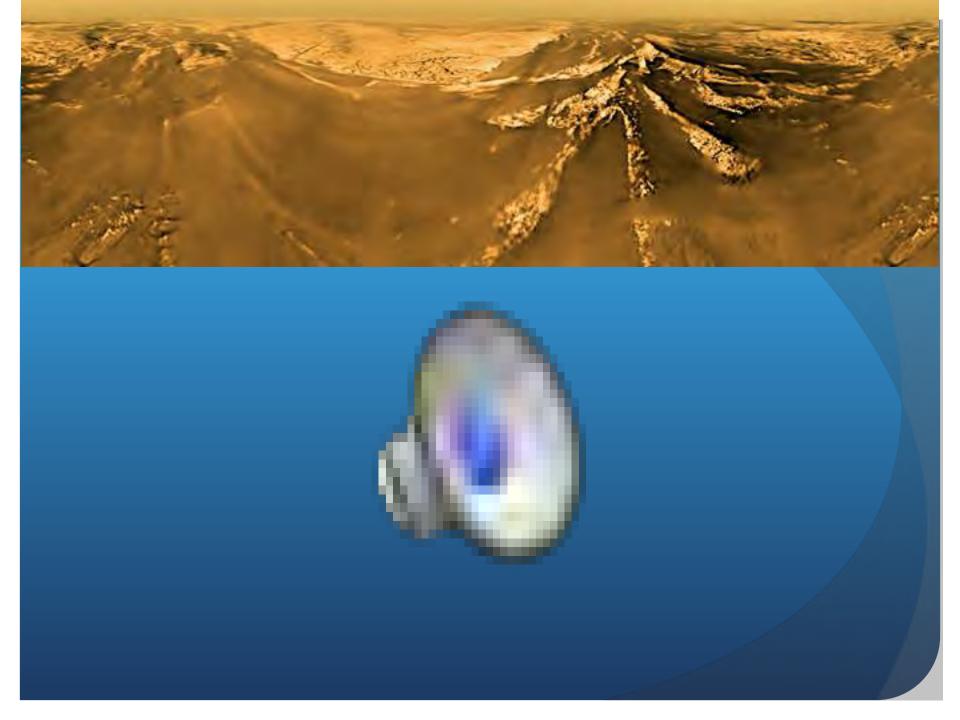




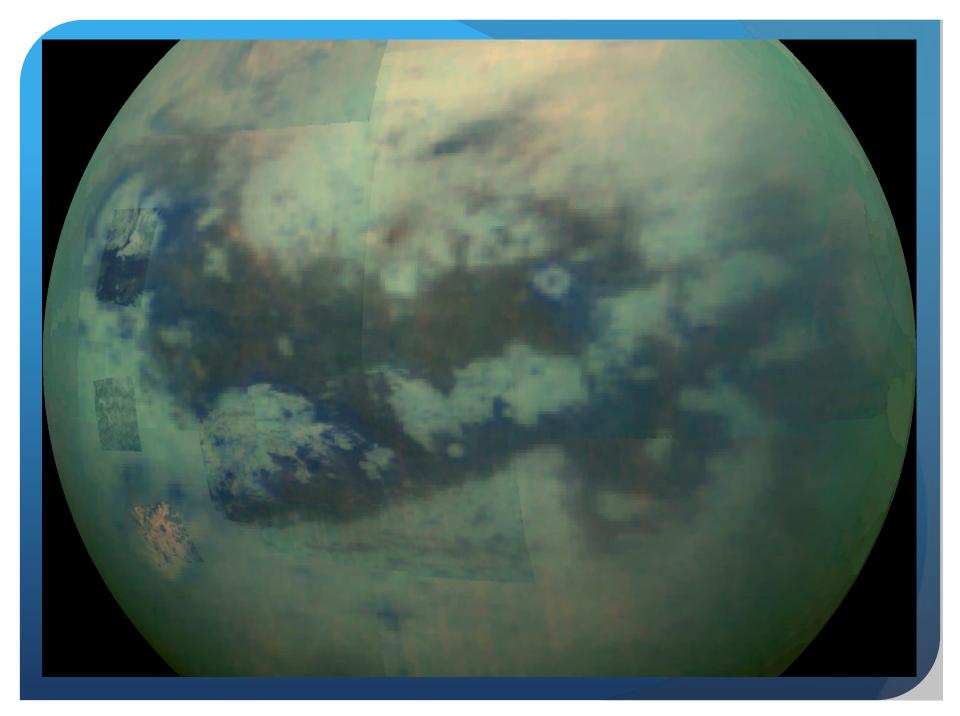


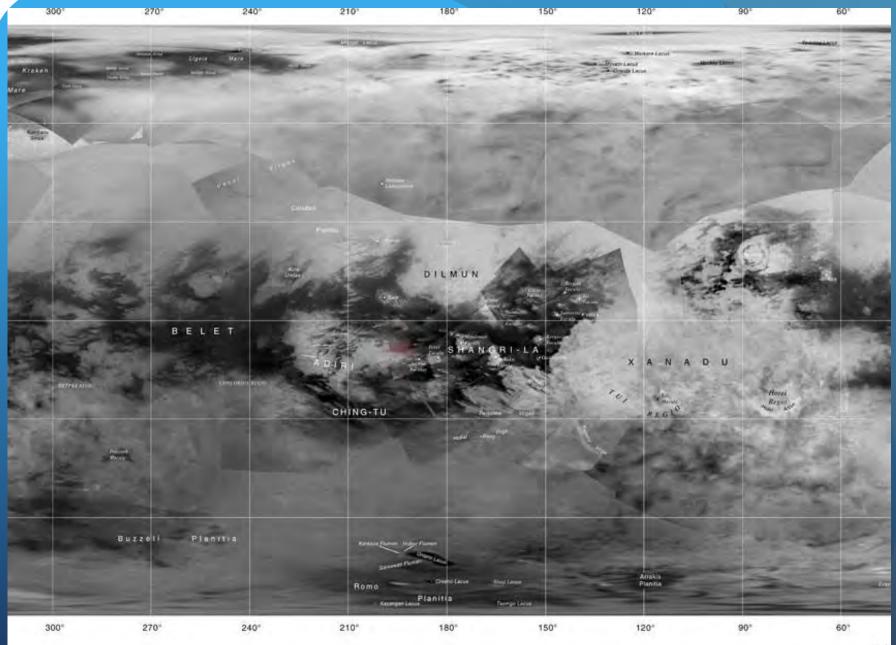


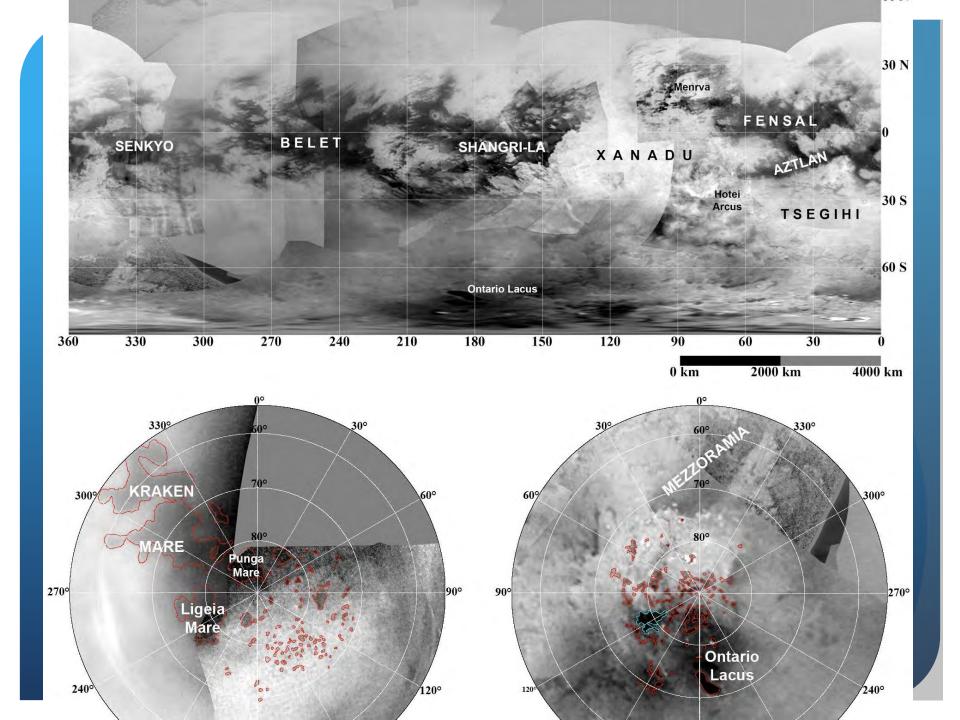


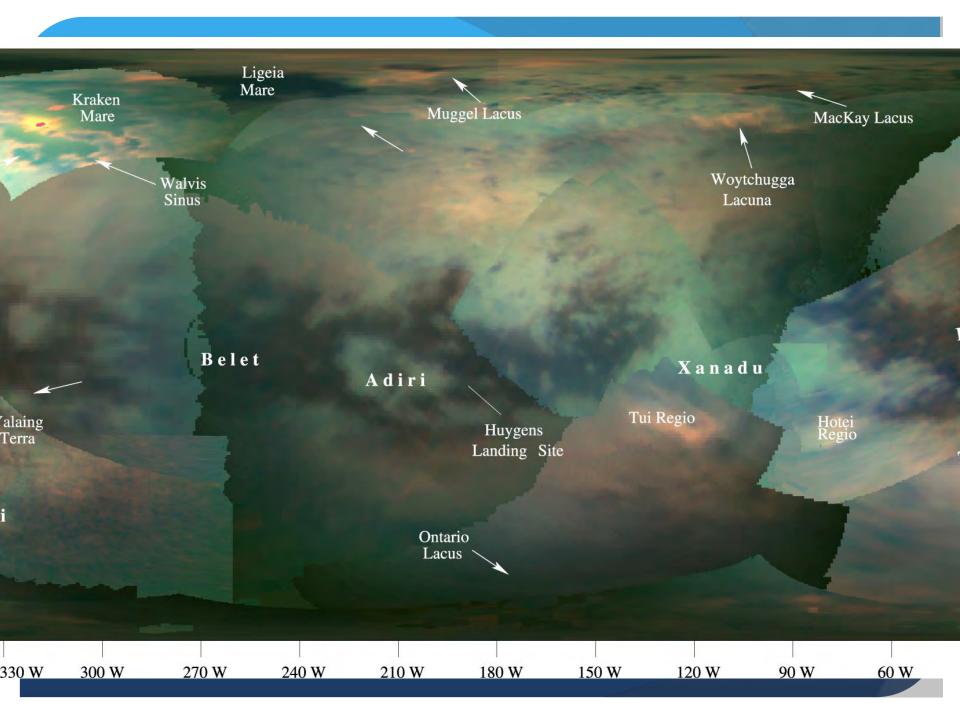


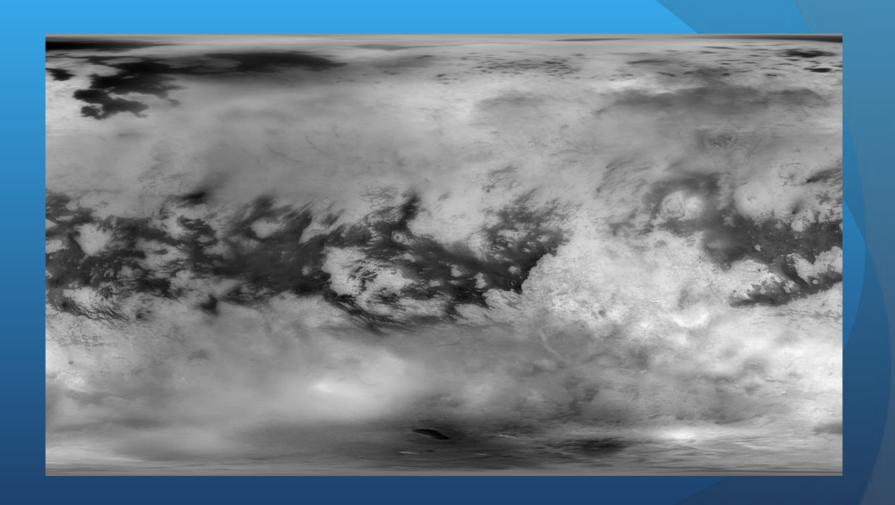


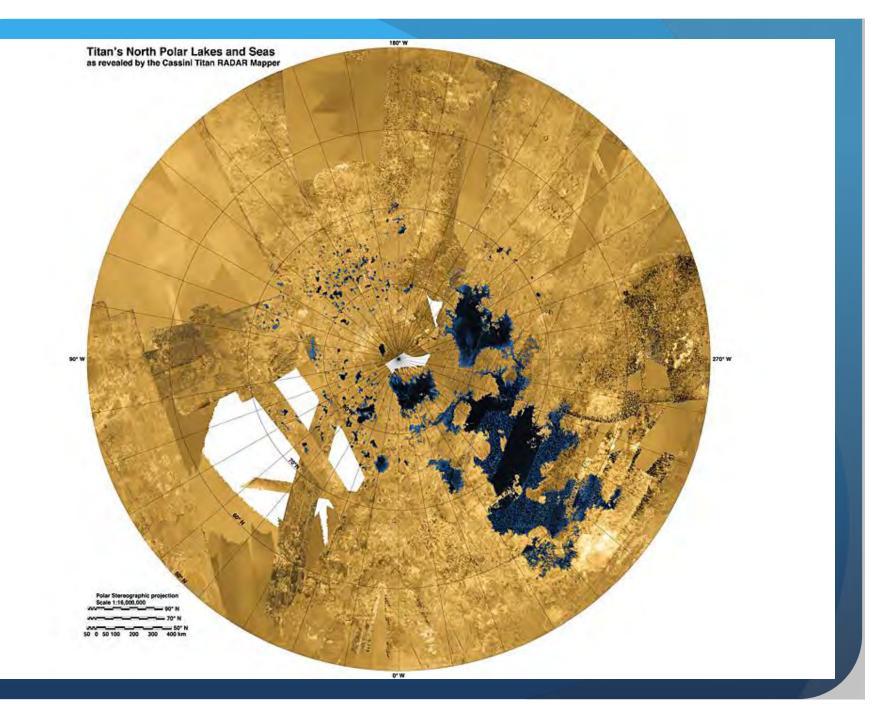




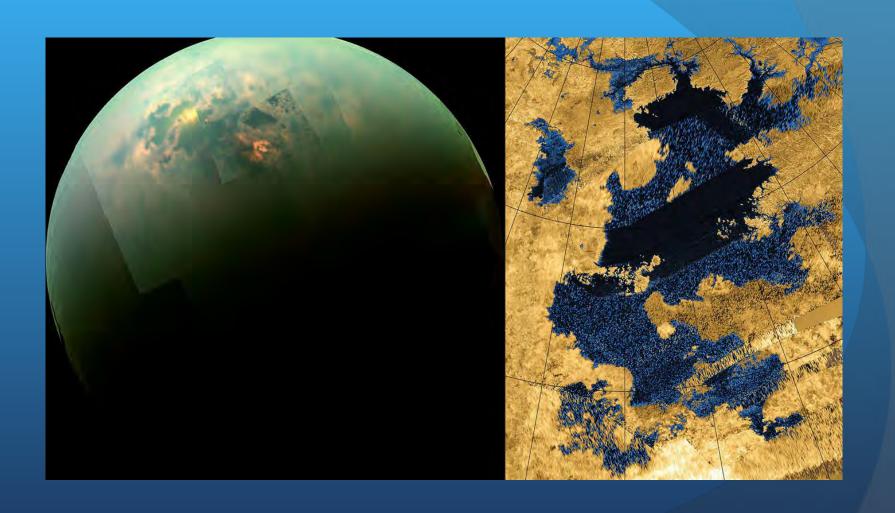




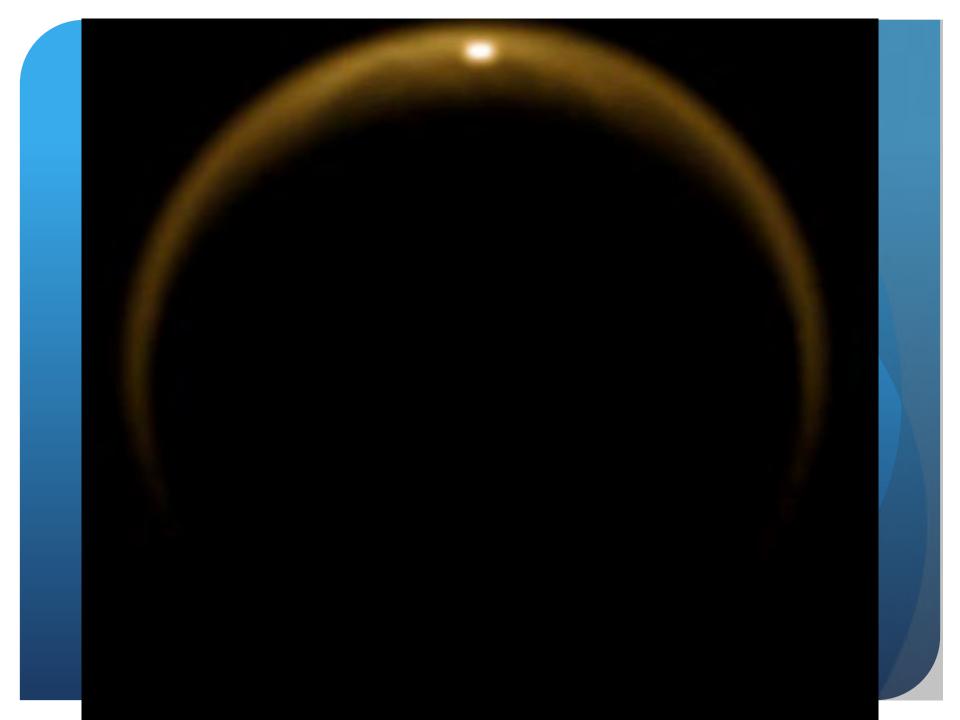


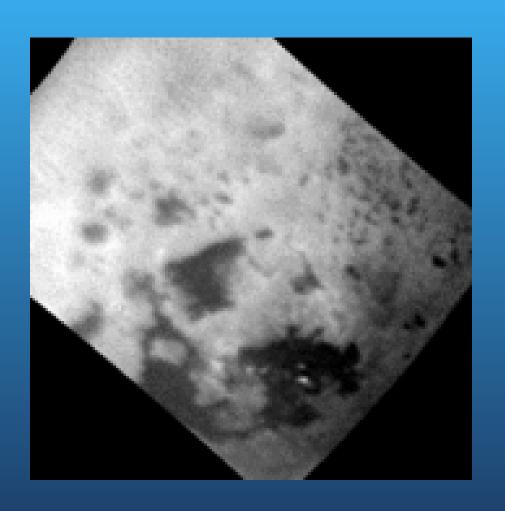


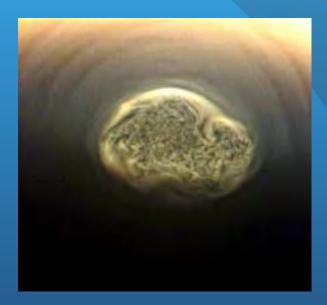




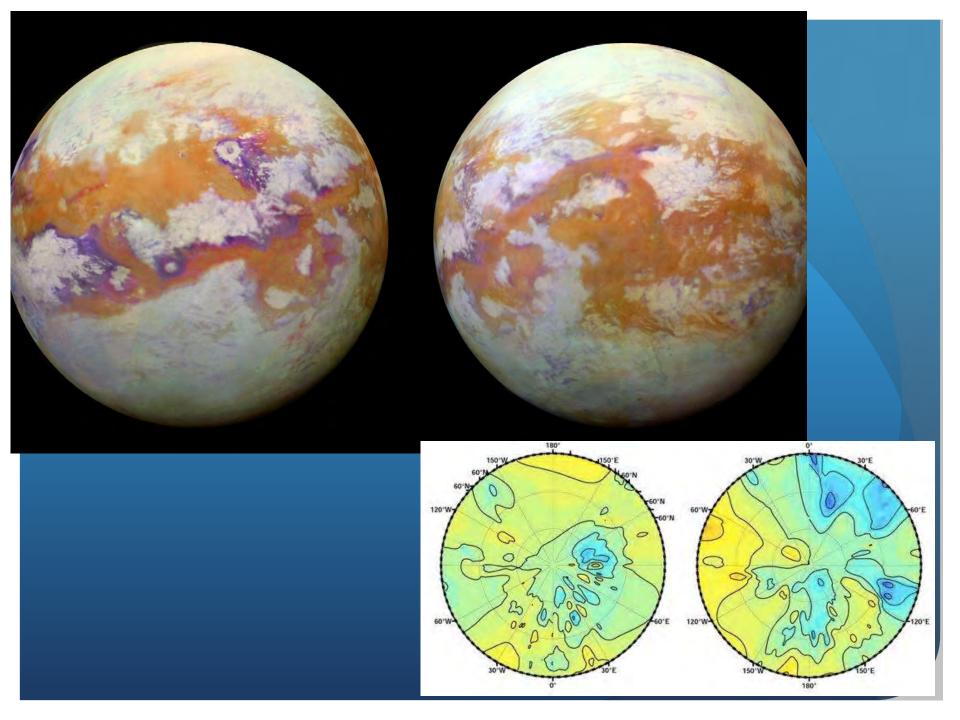






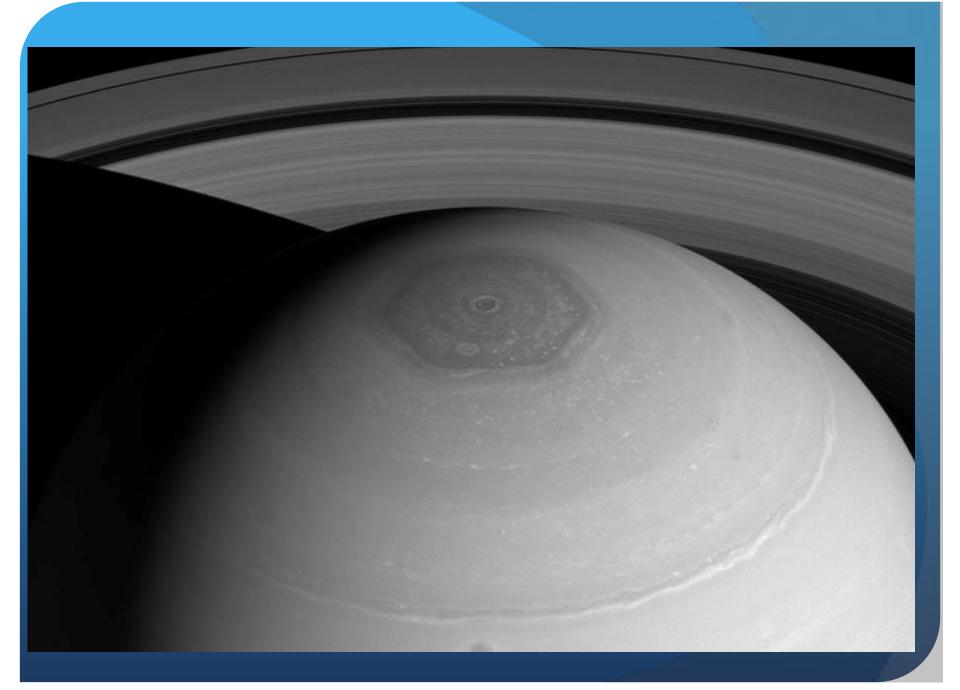




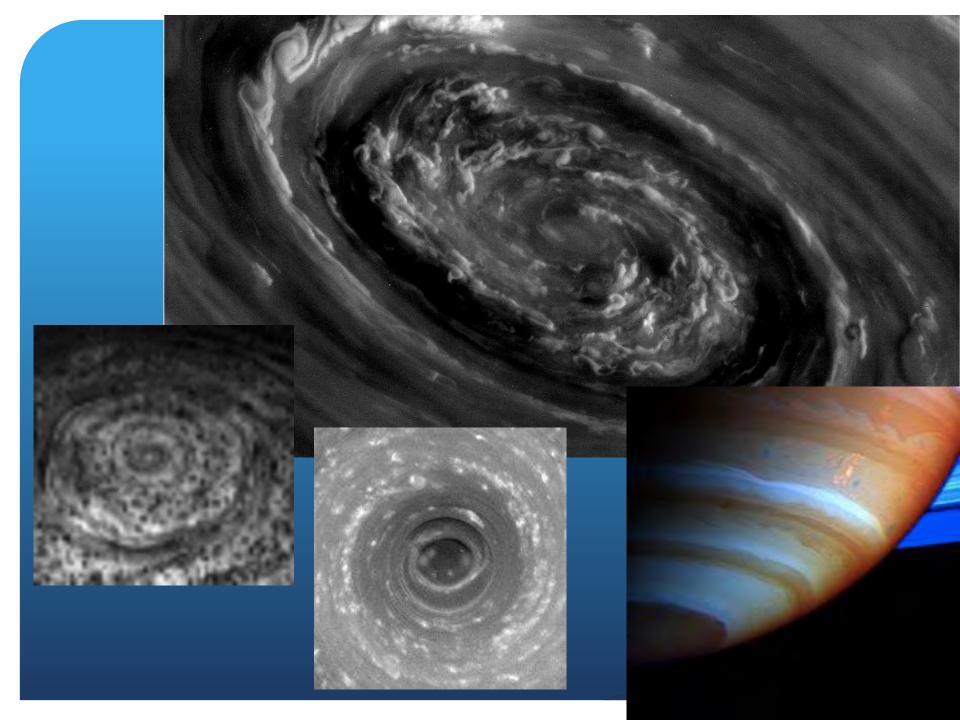


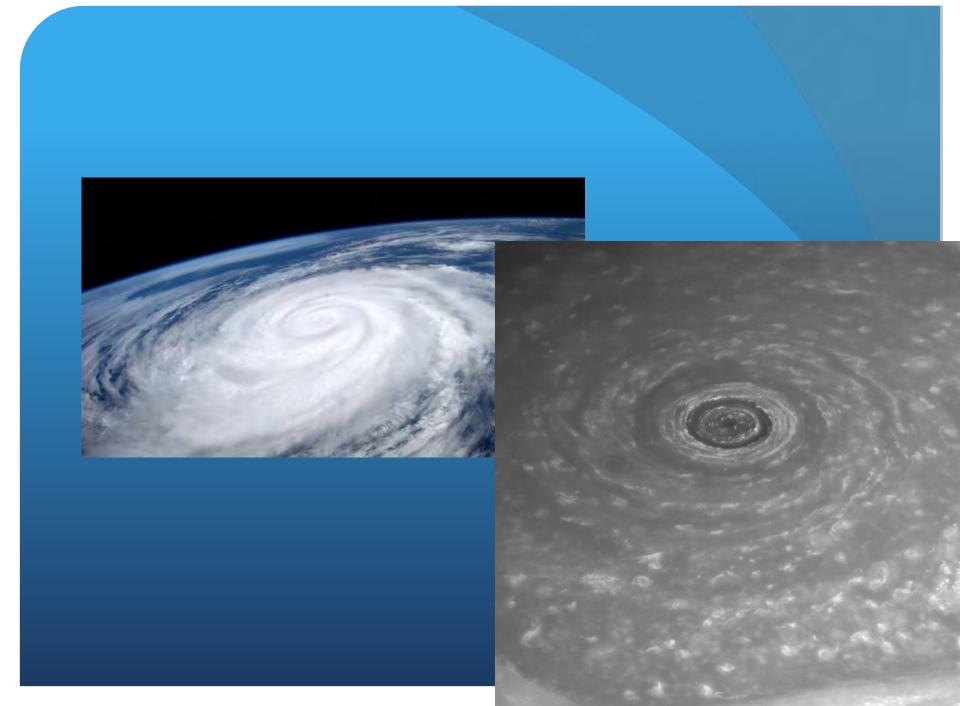


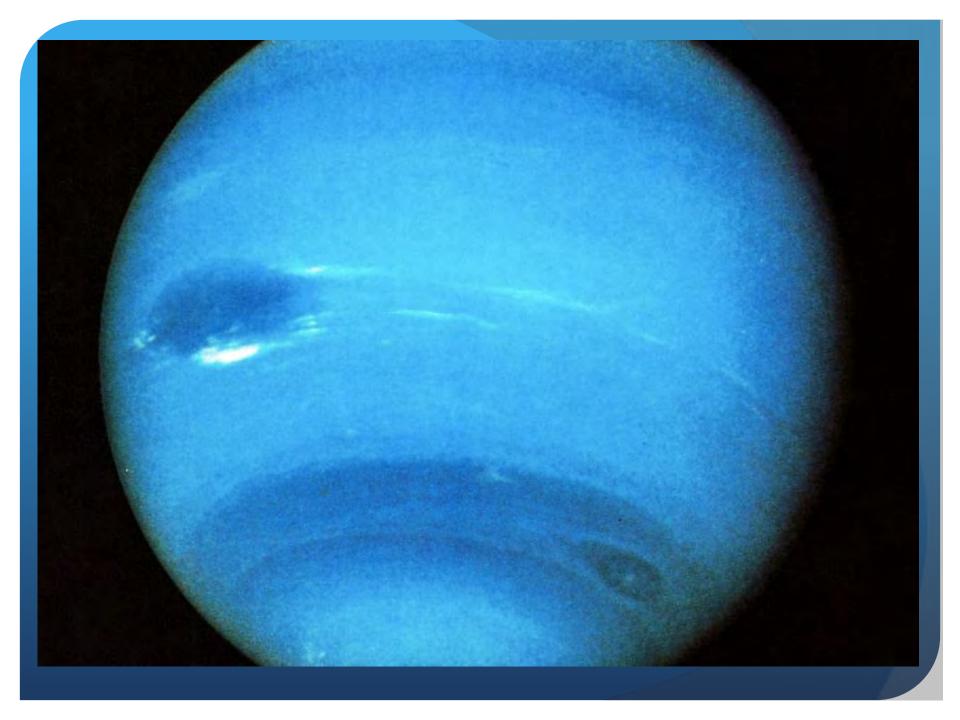


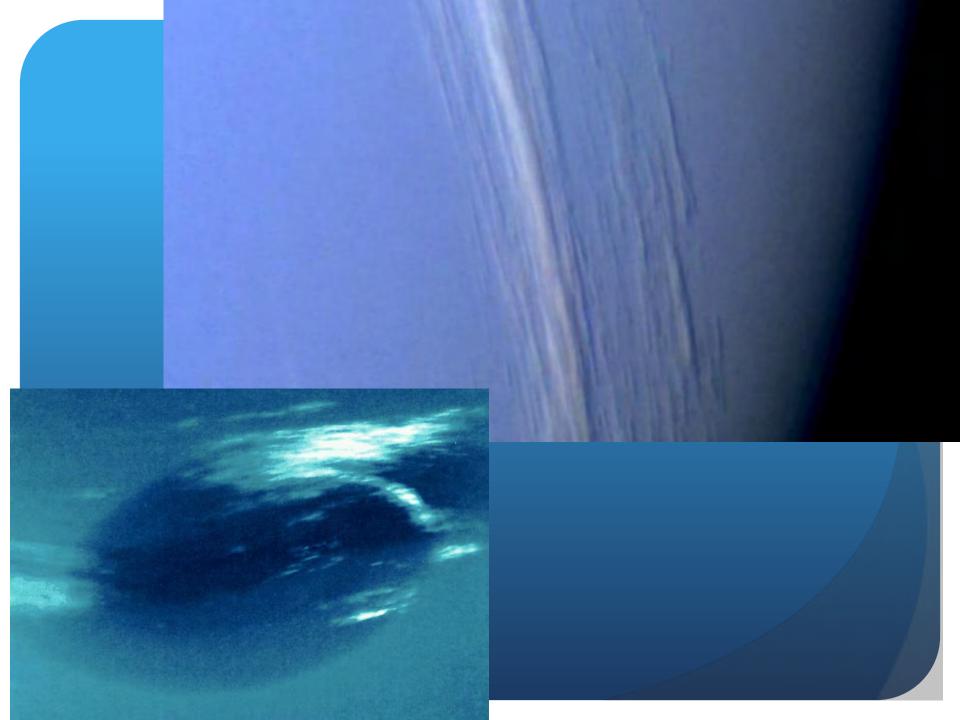


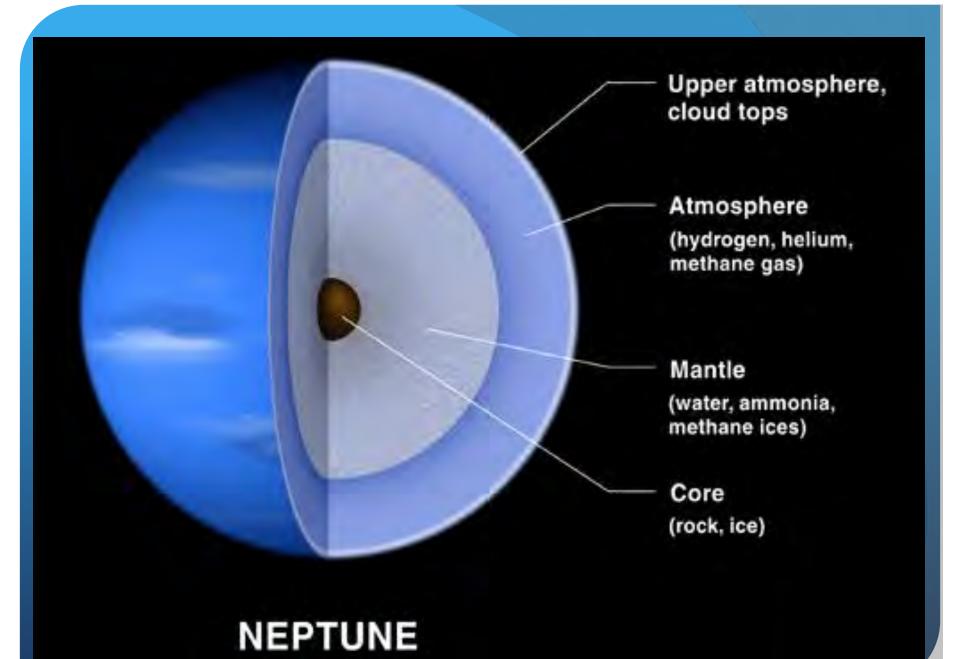


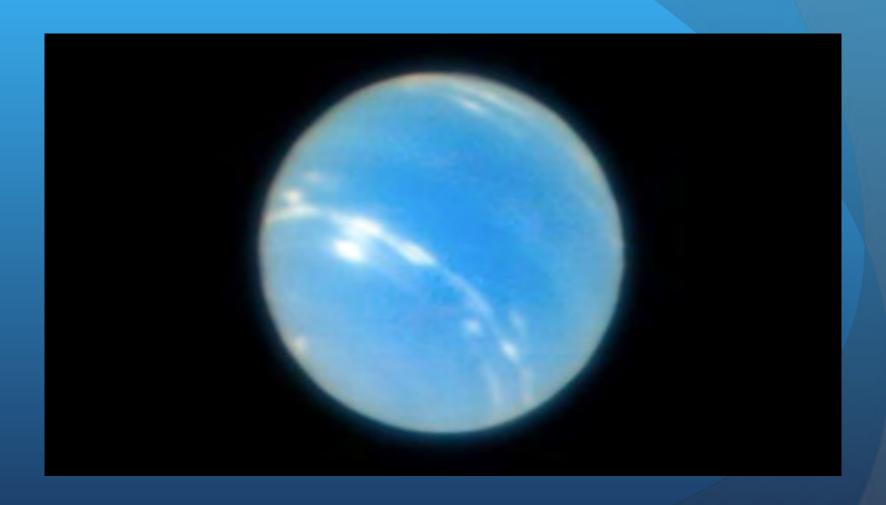


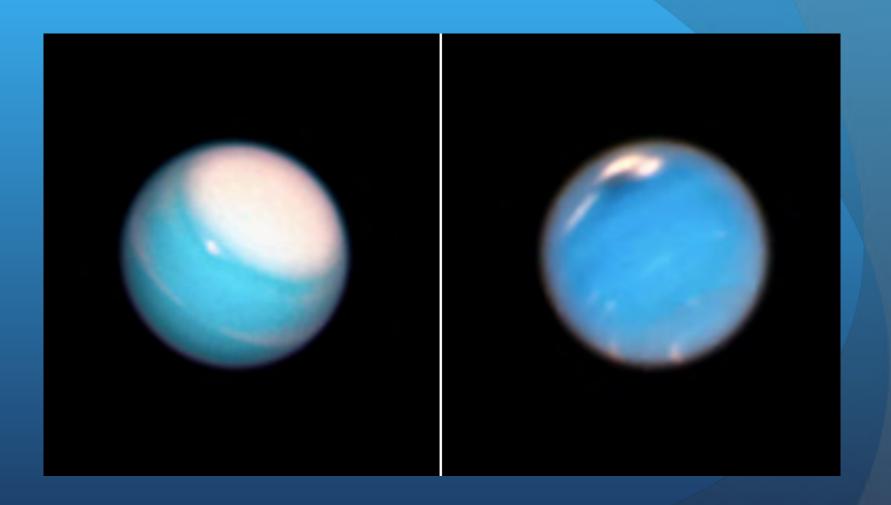




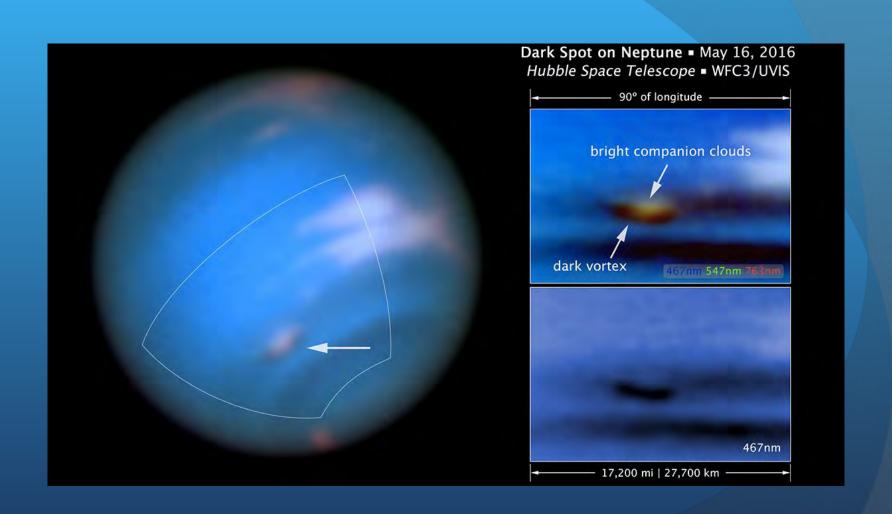


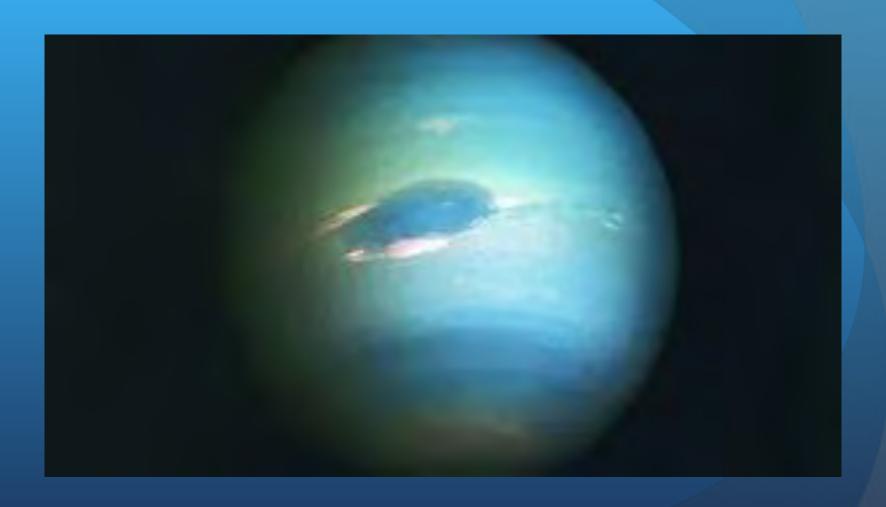






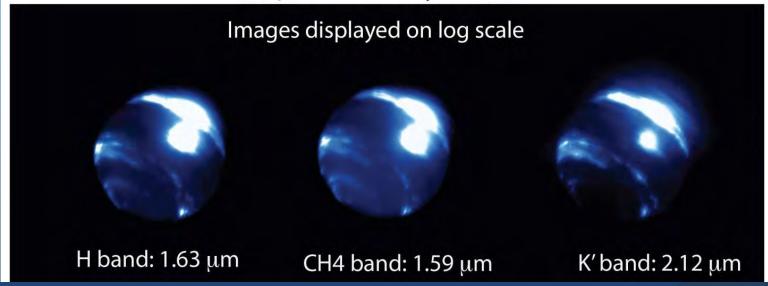


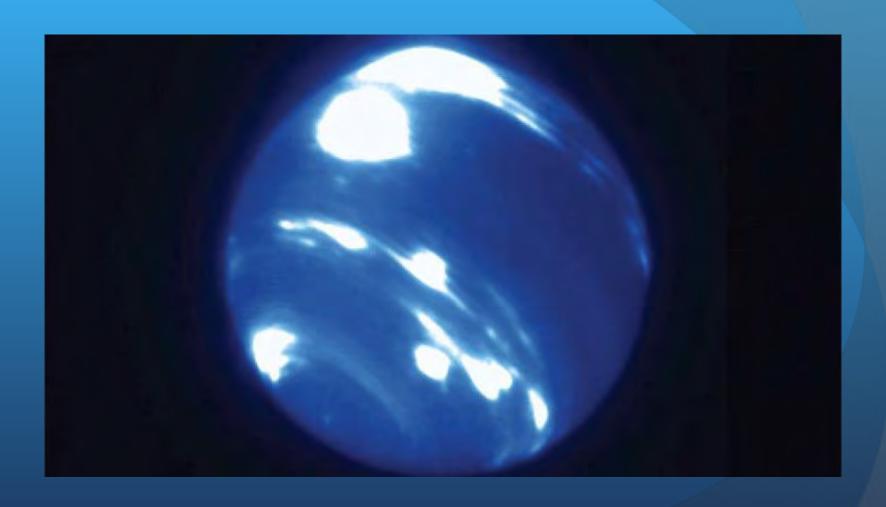




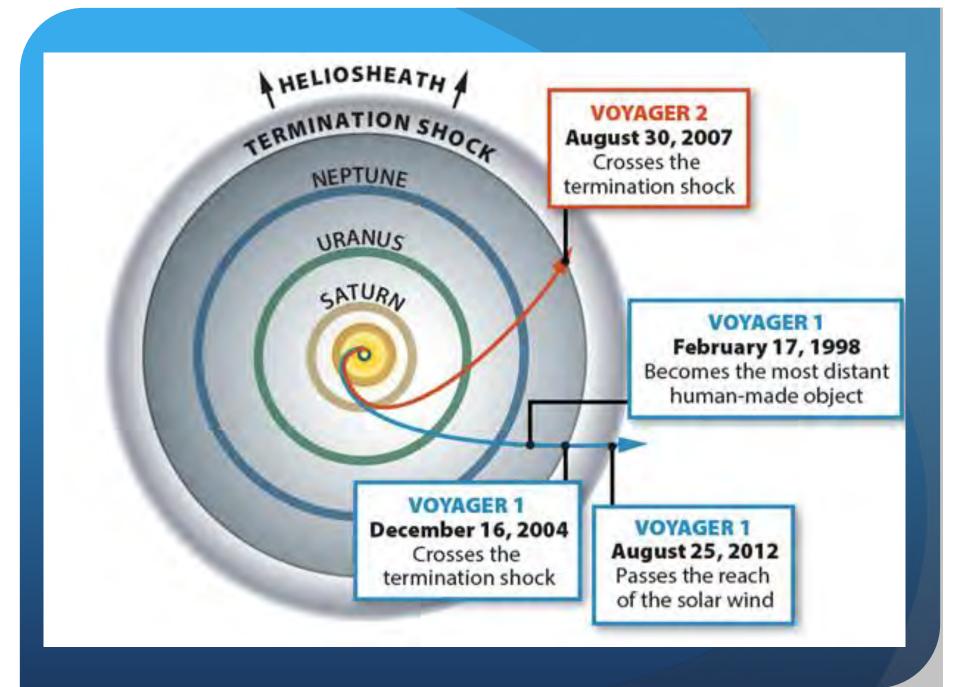


Neptune: 02 July 2017











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